

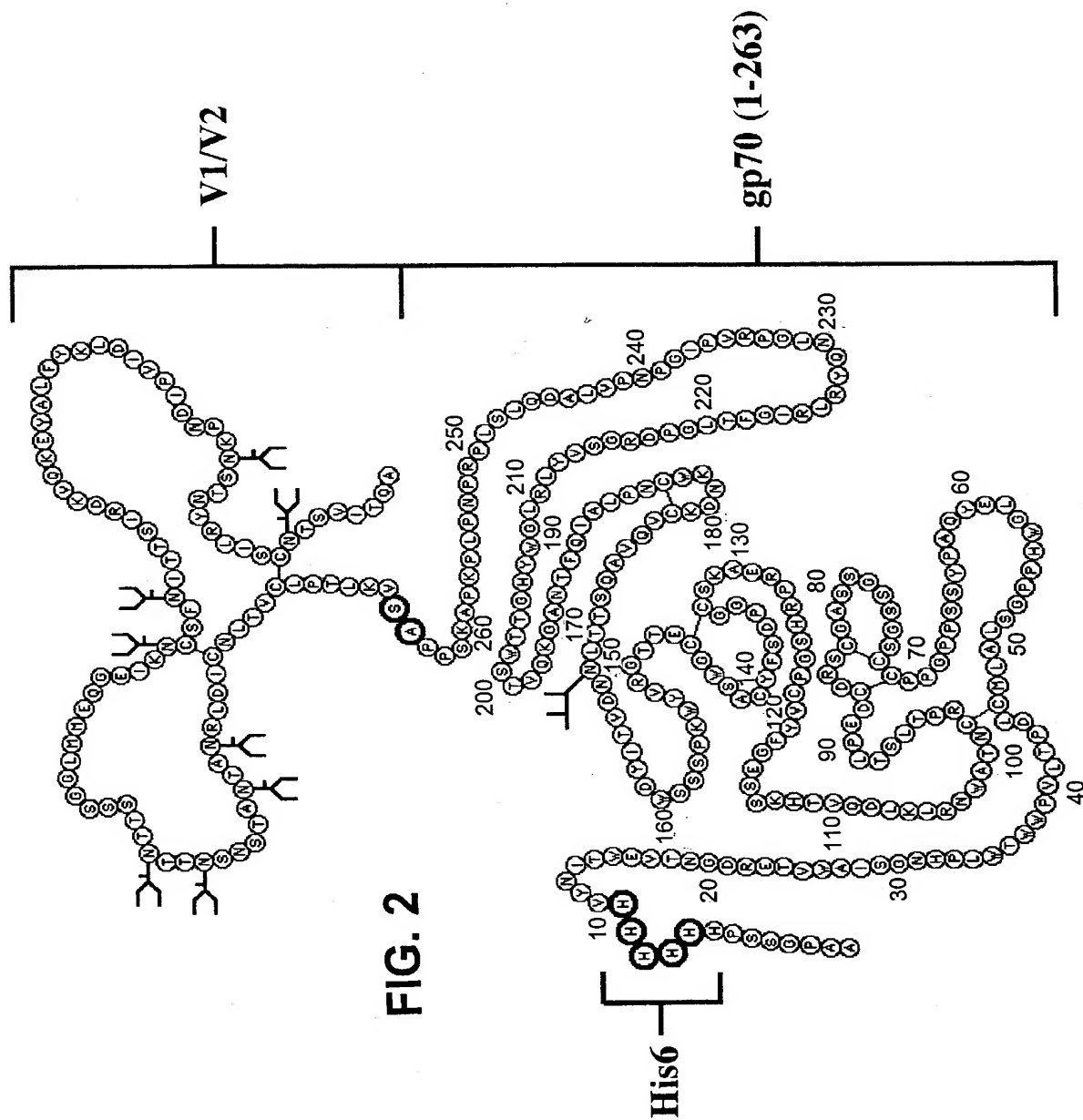
Appln No.: 10/038,407

Applicant(s): Abraham Pinter

HIV-1 GP120 V1/V2 DOMAIN EPITOPES CAPABLE OF
GENERATING NEUTRALIZING ANTIBODIES

Page 2 of 13

Case-A2 V1/V2 fusion protein



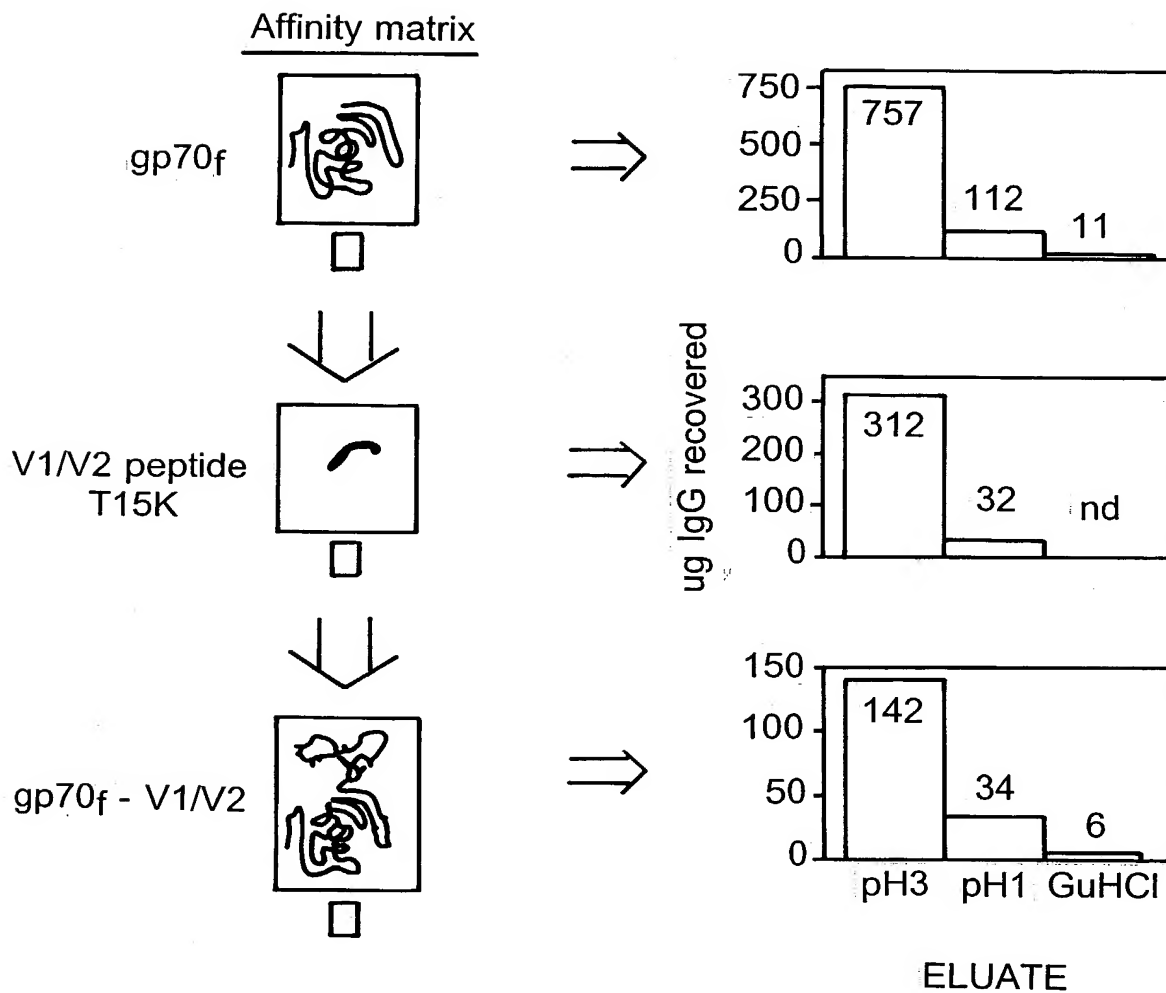


FIG. 3

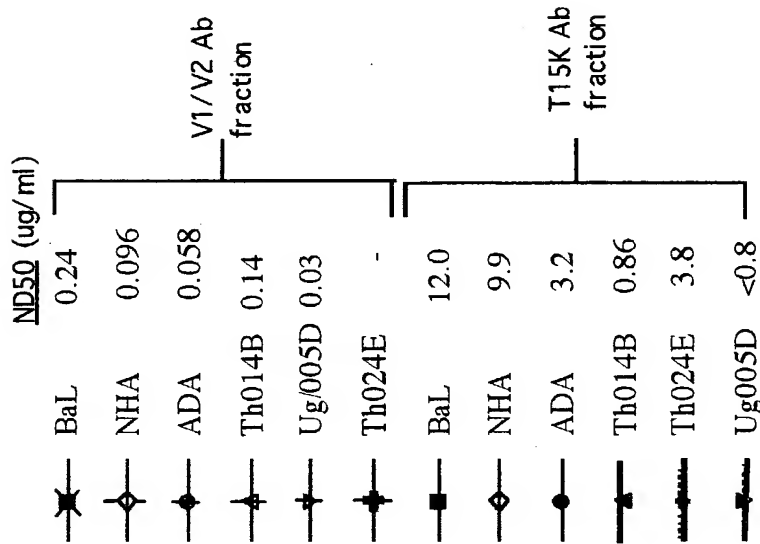


FIG. 4B

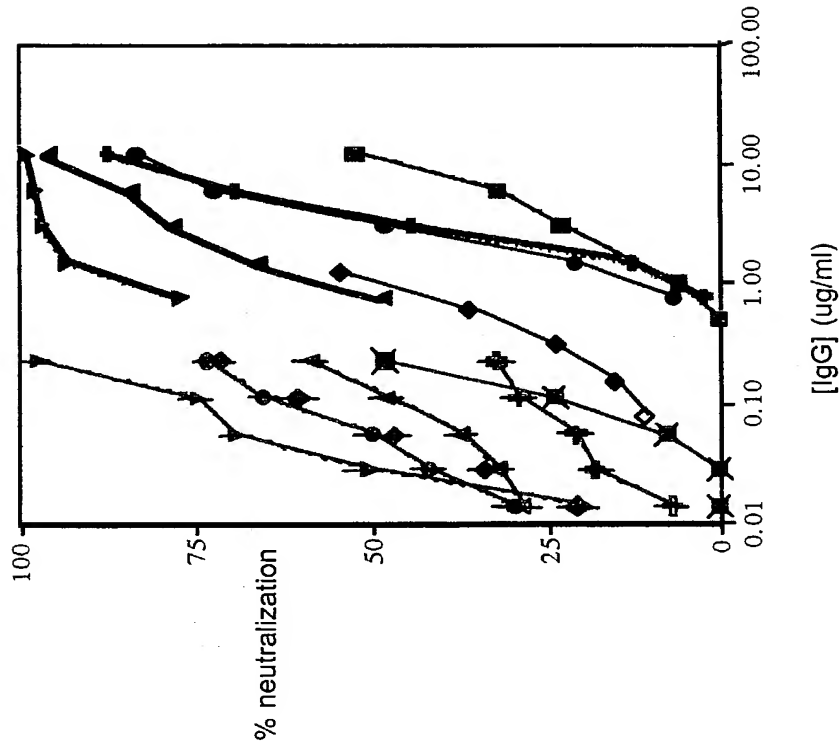


FIG. 4A

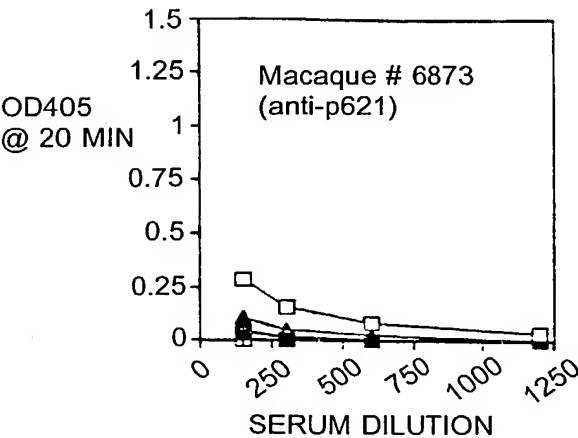
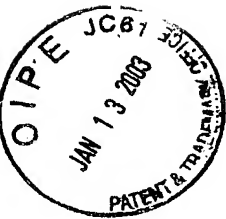


FIG. 5A

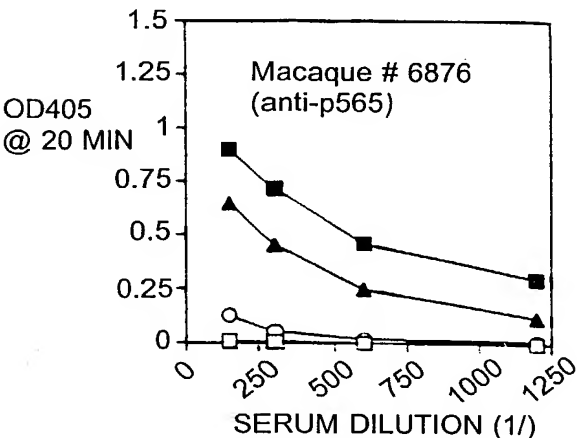


FIG. 5B

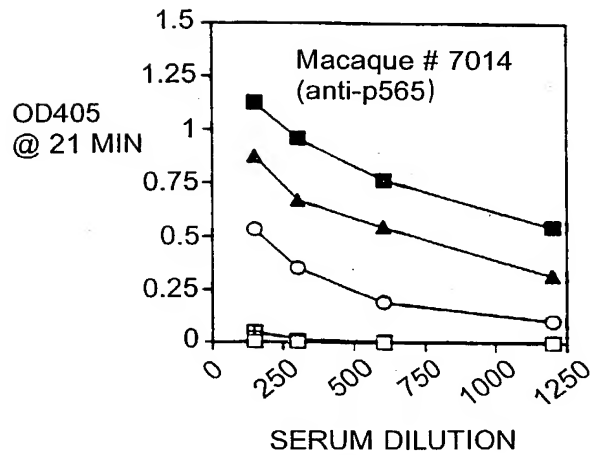


FIG. 5C

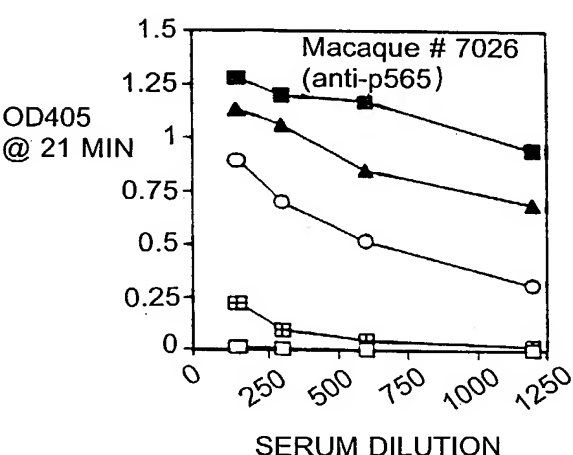


FIG. 5D

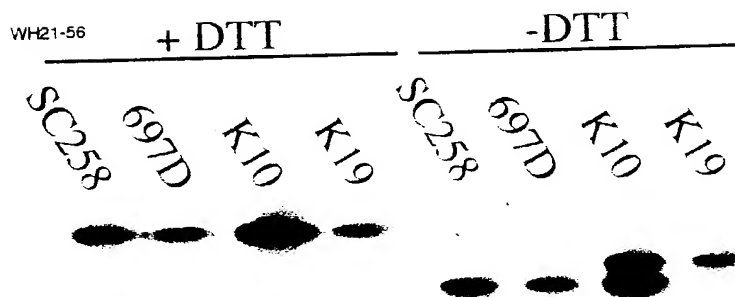
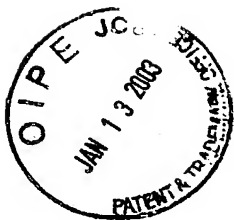
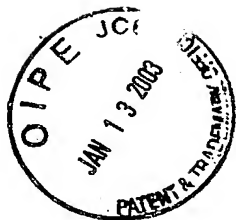


FIG. 6

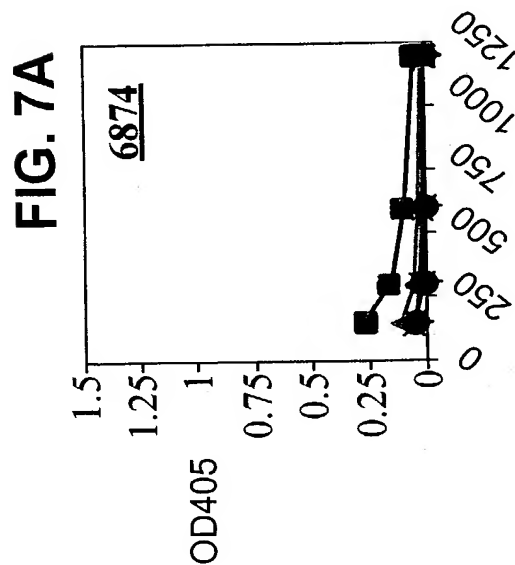
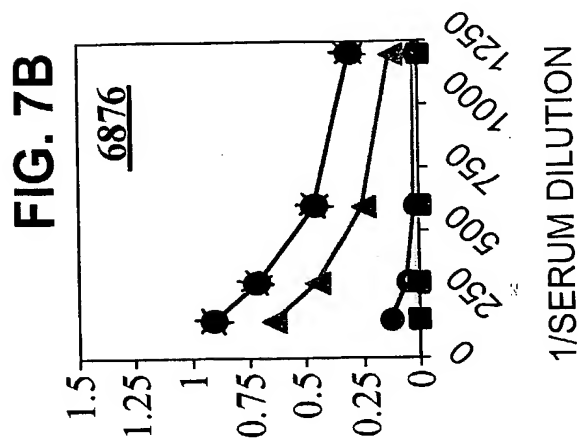
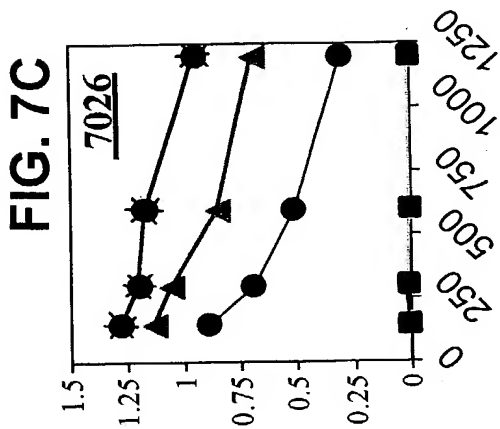


Appln No.: 10/038,407

Applicant(s): Abraham Pinter

HIV-1 GP120 V1/V2 DOMAIN EPITOPES CAPABLE OF
GENERATING NEUTRALIZING ANTIBODIES

Page 7 of 13



- p621 gp70 carrier protein
- p565 NA Consensus clade B sequence
- ▲ p599 Brazil clade B V1/V2 protein
- p580 Thai clade E V1/V2 protein



FIG. 8A

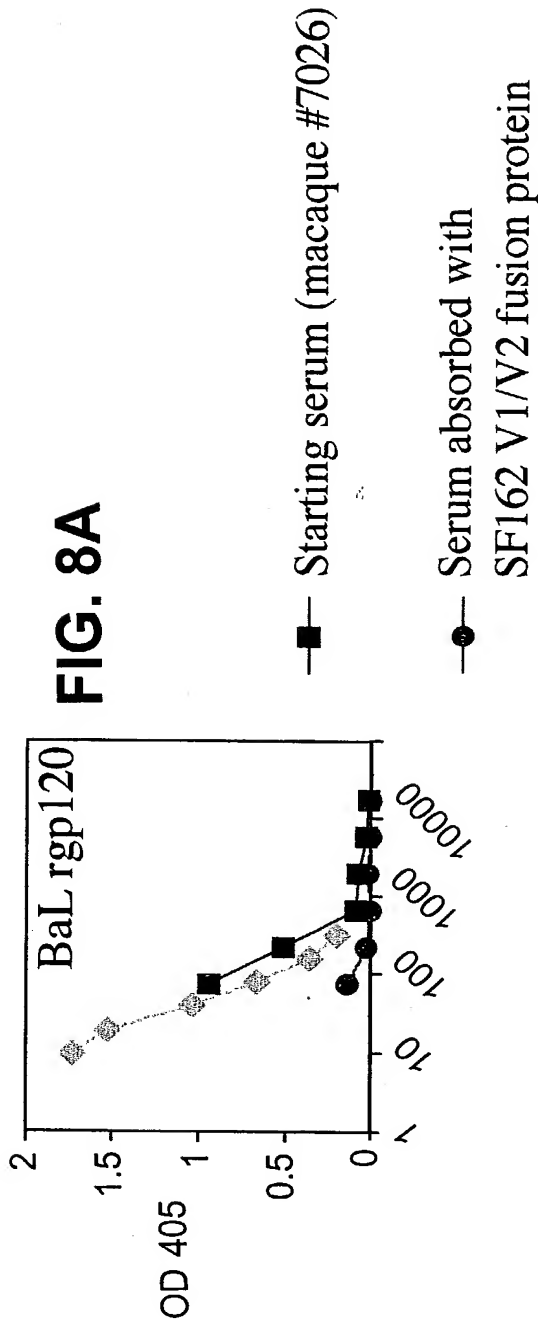
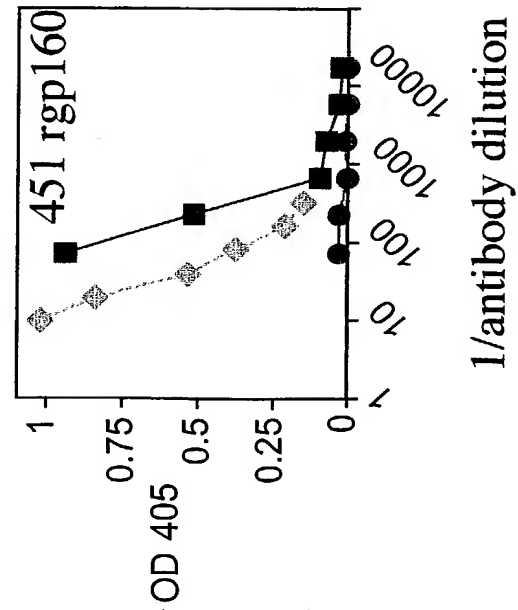
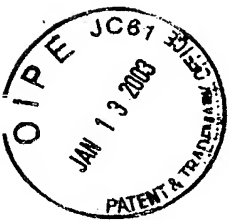
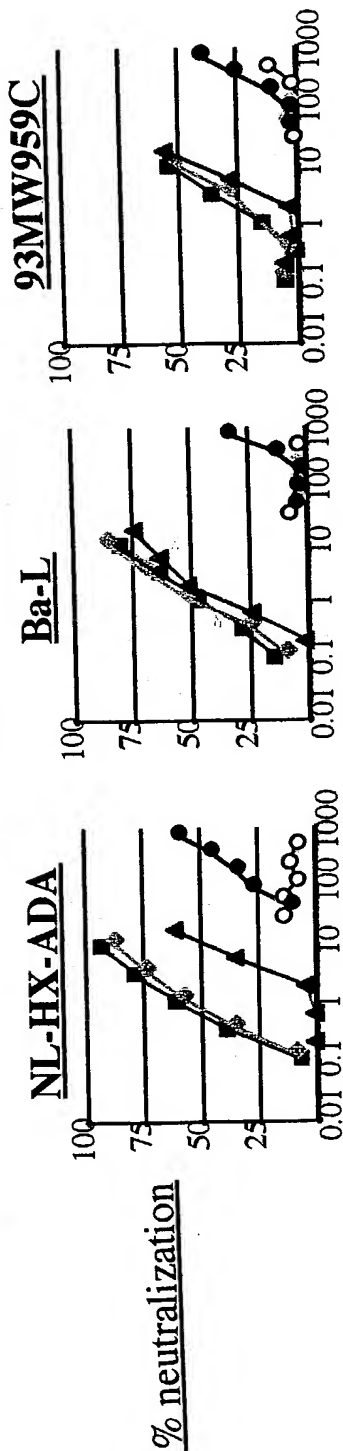


FIG. 8B





Macaque #6876 serum



[IgG] ($\mu\text{g/ml}$)

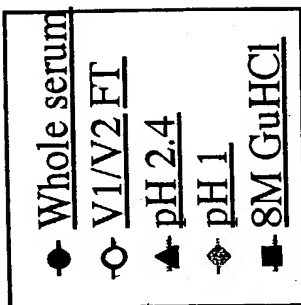
FIG. 9C

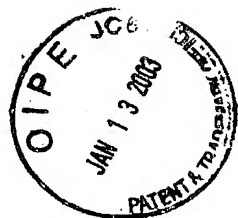
[IgG] ($\mu\text{g/ml}$)

FIG. 9B

[IgG] ($\mu\text{g/ml}$)

FIG. 9A





Macaque #7026 serum

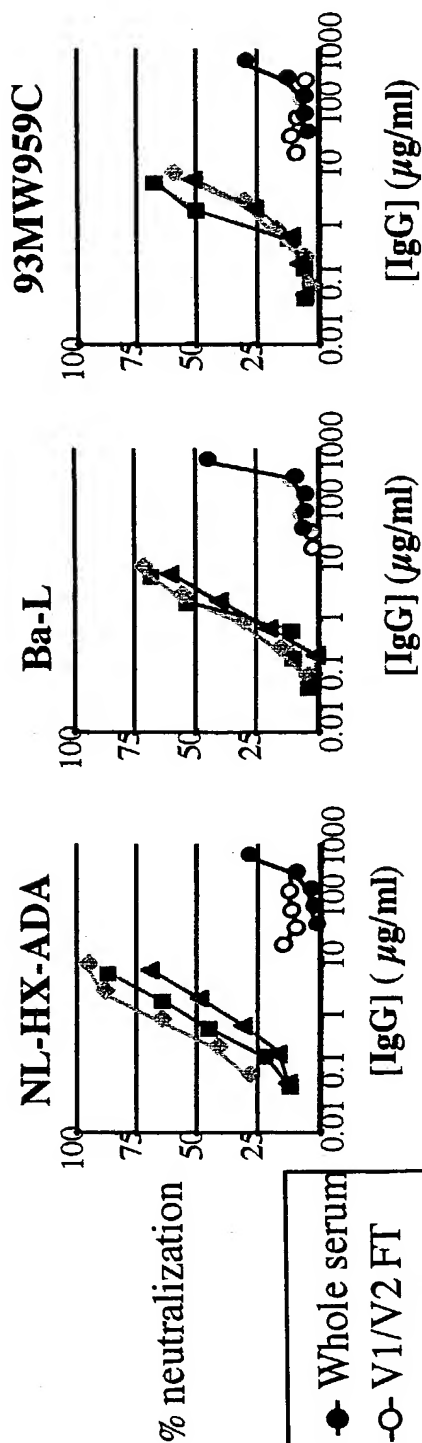
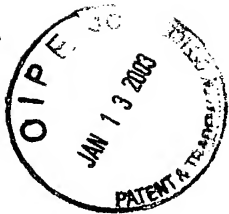


FIG. 10C

FIG. 10B

FIG. 10A



Appln No.: 10/038,407

Page 11 of 13

Applicant(s): Abraham Pinter

HIV-1 GP120 V1/V2 DOMAIN EPITOPES CAPABLE OF
GENERATING NEUTRALIZING ANTIBODIES

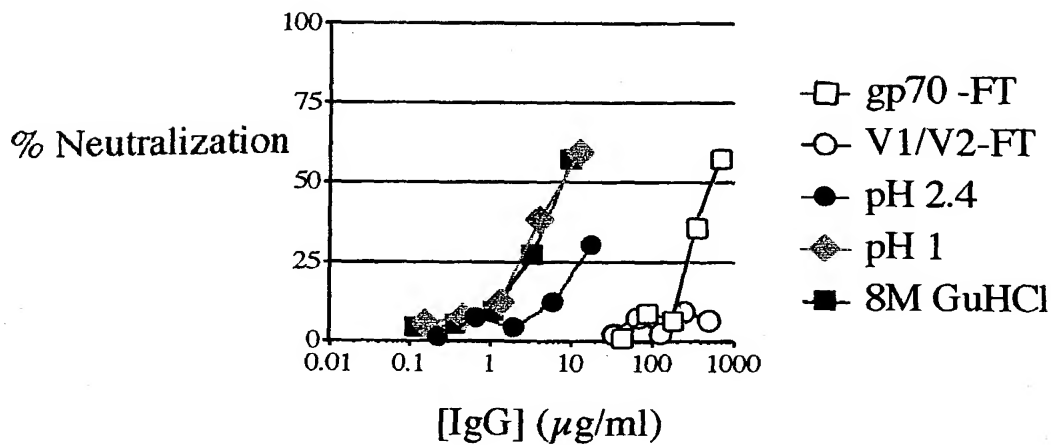


FIG. 11A

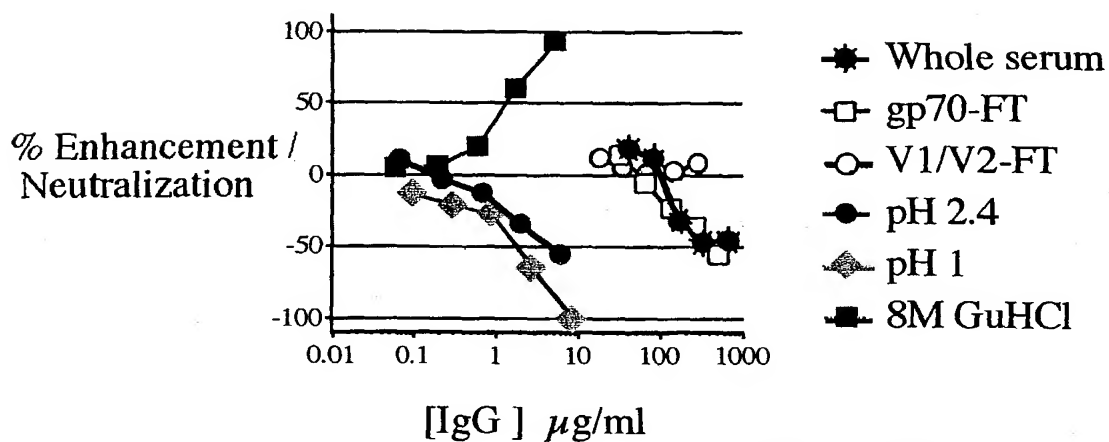
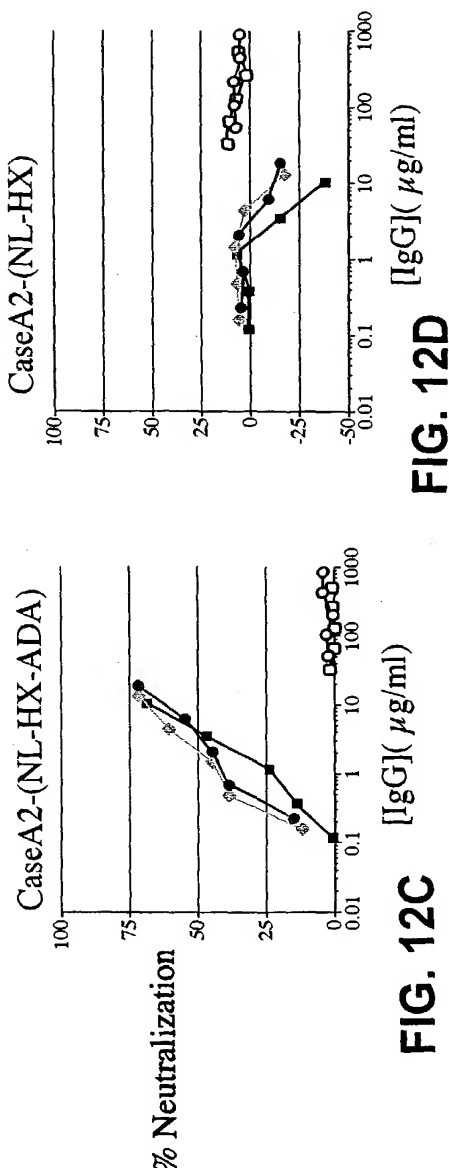
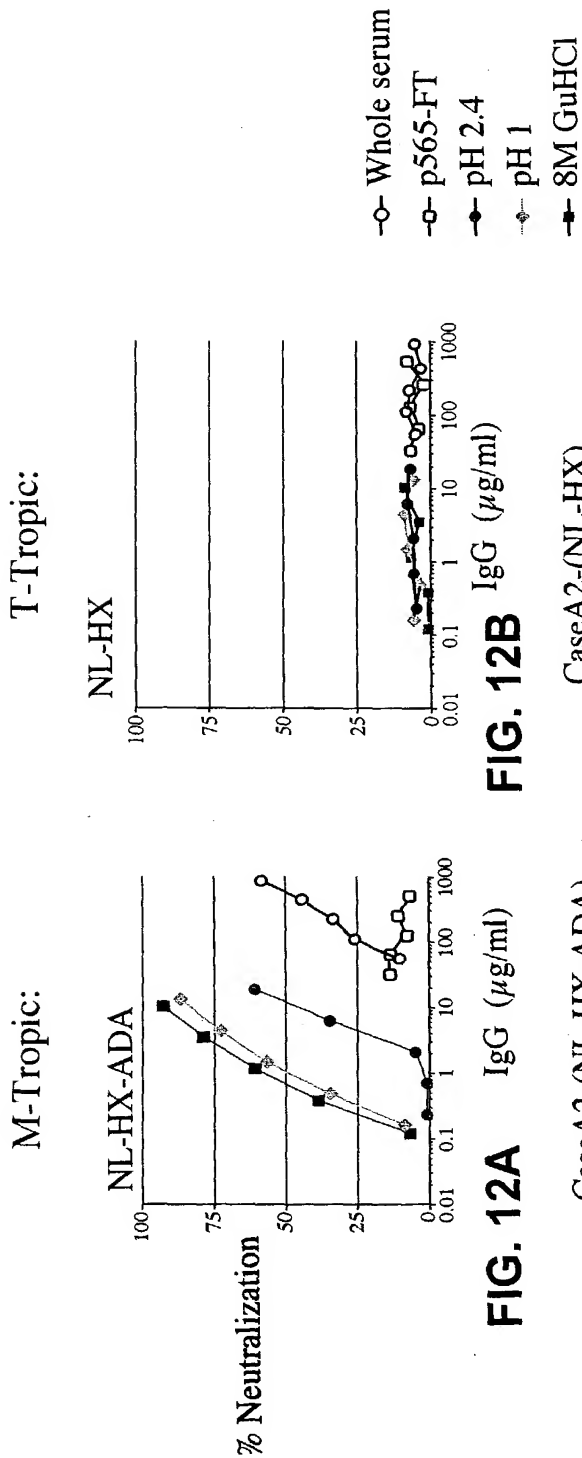
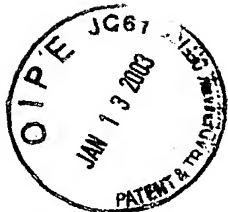
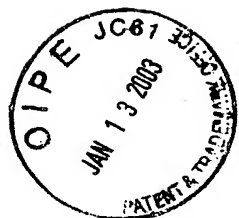


FIG. 11B



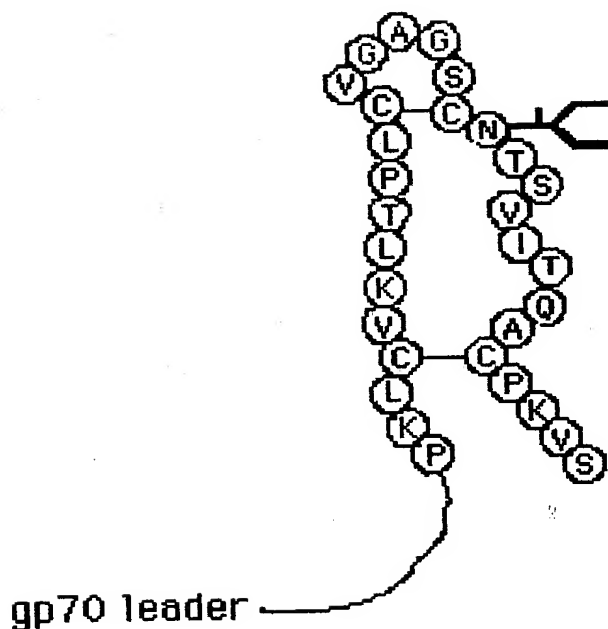


Appln No.: 10/038,407

Applicant(s): Abraham Pinter

HIV-1 GP120 V1/V2 DOMAIN EPITOPES CAPABLE OF
GENERATING NEUTRALIZING ANTIBODIES

Page 13 of 13



"V1/V2 stem-only"

FIG. 13